

Title (en)

METHOD AND DRIVER ASSISTANCE SYSTEM FOR OPERATING A SINGLE-TRACK OR MULTI-TRACK VEHICLE

Title (de)

VERFAHREN UND FAHRERASSISTENZSYSTEM ZUM BETREIBEN EINES EINSPURIGEN ODER MEHRSPURIGEN FAHRZEUGS

Title (fr)

PROCÉDÉ ET SYSTÈME D'AIDE À LA CONDUITE POUR FAIRE FONCTIONNER UN VÉHICULE À VOIE UNIQUE OU À VOIES MULTIPLES

Publication

**EP 4168265 A1 20230426 (DE)**

Application

**EP 21715130 A 20210301**

Priority

- DE 102020207502 A 20200617
- DE 2021100205 W 20210301

Abstract (en)

[origin: WO2021254553A1] The present invention relates to a method for operating a single-track or multi-track vehicle (100) with a driver assistance system (102), wherein: a speed (122) of the vehicle (100) and a distance (112) of the vehicle (100) from a vehicle (108) travelling in front are controlled; the speed (122) is controlled within a system-determined speed range (128) of the driver assistance system (102) using a position (118) of an operating element (114) of the vehicle (100) and is controlled up to an optional target speed (146) selectable within the speed range (128); before an upper limit (142) of the speed range (128) is exceeded, a warning signal (144) is provided for a driver of the vehicle (100); the distance (112) is controlled within the speed range (128) in a speed-dependent distance buffer region (136) depending on the position (118).

IPC 8 full level

**B60K 31/00** (2006.01); **B60W 30/16** (2020.01); **B60W 50/14** (2020.01); **B60W 50/16** (2020.01)

CPC (source: EP US)

**B60K 31/0008** (2013.01 - EP); **B60W 30/16** (2013.01 - US); **B60W 30/162** (2013.01 - EP); **B60W 50/14** (2013.01 - EP US); **B60W 50/16** (2013.01 - EP); **B60W 2050/143** (2013.01 - EP US); **B60W 2050/146** (2013.01 - US); **B60W 2540/10** (2013.01 - EP); **B60W 2540/106** (2013.01 - EP); **B60W 2540/215** (2020.02 - EP); **B60W 2552/40** (2020.02 - EP); **B60W 2554/4041** (2020.02 - US); **B60W 2554/802** (2020.02 - EP US); **B60W 2555/20** (2020.02 - EP); **B60W 2555/60** (2020.02 - EP); **B60W 2720/10** (2013.01 - EP); **B60W 2754/30** (2020.02 - EP)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

**DE 102020207502 A1 20211223**; CN 115667040 A 20230131; DE 112021003280 A5 20230720; EP 4168265 A1 20230426; EP 4168265 B1 20240703; JP 2023530648 A 20230719; JP 7469520 B2 20240416; US 2023137313 A1 20230504; WO 2021254553 A1 20211223

DOCDB simple family (application)

**DE 102020207502 A 20200617**; CN 202180043090 A 20210301; DE 112021003280 T 20210301; DE 2021100205 W 20210301; EP 21715130 A 20210301; JP 2022576188 A 20210301; US 202117910513 A 20210301